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Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Internal Projects Section

DATE: 4 January 1957

FROM : Chief, External Projects Section

SUBJECT: Beacon Flight Tests

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

1. On approximately 11 February 1957, a week-long beacon evaluation test will be conducted at Eglin Field, Florida. R&D has the responsibility of providing technical support. Specifically, we will be responsible for the URC-11 Beacon, the TSS Radar Beacon, and the SARAH Airborne Equipment and Beacon.

2. We are sending an unmodified URC-11 tuned to 240 mc and two MK 220 SARAH Beacons tuned to 213.5 mc to you. We understand that you have one modified URC-11 tuned to 240 mc and two TSS transponder beacons. The unmodified URC-11 should be modified to take the 5/8 wave length antenna. The alerting receivers in the TSS beacons must be disabled and a switch installed in order that the TSS Beacon will operate as a transponder only. The two URC-11's and the two MK 220 beacons and the radar beacons must be checked for full power output and proper operation. The checked equipment, complete with three sets of batteries for each beacon, instruction books, and any spares felt necessary must be ready for shipment by 28 January 1957.

3. We understand that [] will go to Eglin Air Force Base to take care of any maintenance that may be necessary during the test. Quarters will be arranged for him at Eglin Air Force Base, but he must arrange for his own transportation to Pensacola, Florida. It is recommended that round trip reservations be made on either Eastern or National Airlines as soon as the test date has been fixed. On his Request for Advance form he should request that orders be cut showing that he is from the Logistical Support Group, Headquarters Command, Bolling Air Force Base. He will have the use of a well equipped electronics laboratory at Eglin Field. He should be prepared to maintain the equipment listed in Paragraph 1.

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APPROVED:

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Chief, Research and Development Branch

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